

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (previously amended) A high-pressure discharge lamp provided with a discharge vessel with a ceramic wall which is closed at an end by a projecting plug through which a lead-through construction extends from an end of the projecting plug to an electrode arranged in the discharge vessel, part of said lead-through construction being a cermet, the cermet being directly fastened to the projecting plug by means of a sintered joint, characterized in that the projecting plug extends over a length L, and the sintered joint has a length of at most 0.8 L.
2. (cancelled)
3. (previously amended) A high-pressure discharge lamp as claimed in claim 1, characterized in that the sintered joint extends into the projecting plug in a direction from the end to a distance away from the end of at most 0.5 mm.
4. (previously amended) A high-pressure discharge lamp as claimed in claim 1, characterized in that the cermet has a tapering shape adjacent the end and is provided with a narrowed portion.
5. (previously amended) A high-pressure discharge lamp as claimed in claim 1, characterized in that the lamp is a metal halide lamp.

6. (previously amended) A high-pressure discharge lamp as claimed in claim 1, characterized in that the lamp has a power rating of at least 100 w.

7. (previously added/currently amended) A high-pressure discharge lamp provided with a discharge vessel with a ceramic wall which is closed at an end by a projecting plug through which a lead-through construction extends from an end of the projecting plug to an electrode arranged in the discharge vessel, part of said lead-through construction being a cermet, the cermet being directly fastened to the projecting plug by means of a sintered joint, characterized in that the cermet has the approximate composition of 70% by volume Al_2O_3 ~~(70% by volume)~~ and 30% by volume Mo ~~(30% by volume)~~.

8. (newly added) A high-pressure discharge lamp as claimed in claim 1, wherein the projecting plug is made impermeable to light over at least a part of its outer side.

9. (newly added) A high-pressure discharge lamp as claimed in claim 7, wherein the projecting plug is made impermeable to light over at least a part of its outer side.